



SYMIX TECHNOLOGIES, INC.  
3100 CENTRAL EXPRESSWAY  
SANTA CLARA, CA 95051  
PHONE: 408-720-2598  
FAX: 408-773-4029

---

**FAX TRANSMITTAL SHEET**

---

<b>Date:</b>	<b>December 6, 2002</b>	<b>From:</b>	<b>James H. Ackley</b>
			<b>Reg. No. 45,695</b>
<b>To:</b>	<b>Assistant Commissioner of Patents</b>	<b>Fax No:</b>	<b>(703) 872-9310</b>
	<b>Washington, DC 20231</b>		
<b>Number of pages included in this fax: 21</b>			

---

**In re Application of:**

**Serial No.:** Liu et al.  
09/679,127

**Filed:** 10/03/2000

**For:** ABA-Type Block Copolymers Having A  
Random Block of Hydrophobic and  
Hydrophilic Monomers And Methods Of  
Making Same

**Group Art Unit:** 1711

**Examiner:** Mullis, J.

**Dear Sir:**

**Enclosed please find copies of the following documents to be filed  
regarding the above identified patent application:**

- **Transmittal (3 pages)**
- **Amendment B (6 pages)**
- **Supplemental Information Disclosure Statement (2 pages)**
- **PTO Form 1449 (1 page)**
- **Reference (7 pages)**
- **Associate Power of Attorney (1 page)**

**Please enter these into the file and contact us if necessary.**

**Respectfully Submitted,**  
**James H. Ackley**  
**Reg. No. 45,695**

OFFICIAL

FAX RECEIVED

DEC 09 2002

GROUP 1700

---

*This facsimile message is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender and destroy all copies of the original message.*

Docket No. 2000-073  
**PATENT****CERTIFICATE OF TRANSMISSION BY FACSIMILE**

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office at facsimile number (703) 872-9310 addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on 12/6/02.

BY: Suzanne Shadley

Suzanne Shadley

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Liu et al.  
Serial No.: 09/679,127  
Filed: 10/3/00  
For: ABA-Type Block Copolymers  
Having A Random Block Of  
Hydrophobic And Hydrophilic  
Monomers And Methods Of  
Making Same

Group Art Unit: 1711

Examiner: Mullis, J.

Assistant Commissioner for Patents  
Washington D.C. 20231**OFFICIAL  
FAX RECEIVED**

DEC 09 2002

GROUP 1700

**TRANSMITTAL LETTER**

Sir:

Transmitted herewith (check all that apply):

- |   |   |
|---|---|
| <input type="checkbox"/> Preliminary Amendment                  | <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement |
| <input checked="" type="checkbox"/> Response/Amendment B        | <input type="checkbox"/> Petition Under 37 CFR 1.97(d)(2)                         |
| <input type="checkbox"/> Response/Amendment After Final         | <input type="checkbox"/> Formal Drawings  |
| <input type="checkbox"/> Supplemental Amendment                 | <input type="checkbox"/> Declaration Under 37 CFR 1.131                           |
| <input type="checkbox"/> Affidavits/Declarations                | <input type="checkbox"/> Declaration Under 37 CFR 1.132                           |
| <input type="checkbox"/> Declaration and Power of Attorney      | <input type="checkbox"/> Terminal Disclaimer                                      |
| <input type="checkbox"/> Supplemental Declaration               | <input type="checkbox"/> Small Entity Statement                                   |
| <input type="checkbox"/> Power of Attorney                      | <input type="checkbox"/> Request for Refund                                       |
| <input type="checkbox"/> Change of Correspondence Address       | <input type="checkbox"/> Appeal   |
| <input checked="" type="checkbox"/> Associate Power of Attorney | <input type="checkbox"/> Petition   |
| <input type="checkbox"/> Response to Missing Parts              |   |

to be filed in the above-identified patent application.

Docket No. 2000-073  
**PATENT**

**TOTAL AMOUNT OF PAYMENT: \$696.00**

**METHOD OF PAYMENT**

The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 50-0496

Deposit Account Name: Symyx Technologies, Inc.

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

**FEE CALCULATION**

**1.EXTRA CLAIM FEES**

	Extra Claims			Fee from below			Fee Paid
Total Claims	39	-29**	=	10	X	18	= 180.00
Independent Claims	7	-3**	=	4	X	84	= 336.00
Multiple Dependent Claims (first appearance) \$280/140							

\*\*or number previously paid, if greater; For Reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent
				<b>SUBTOTAL (2) (\$ 516.00</b>

Docket No. 2000-073

**PATENT****2. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Statement	\$180.00
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)					
<b>SUBTOTAL (3) (\$)</b>					<b>180.00</b>

\*Reduced by Basic Filing Fee Paid

Date:

December 6, 2002

Respectfully submitted,

James H. Ackley

Reg. No. 45,695

Attorney for Applicant(s)

Symyx Technologies  
 3100 Central Expressway  
 Santa Clara, California 95051  
 Tel.: (408) 764-2000 Fax: (408) 773-4029